

Home Work

Consider the linear:

$$\text{Max } Z = 5 X_1 + 12 X_2 + 4 X_3$$

Subject to:

$$X_1 + 2 X_2 + X_3 \leq 10$$

$$2 X_1 - X_2 + 3 X_3 = 8$$

$$X_1, X_2, X_3 \geq 0$$

- 1- Find its Dual Problem.
- 2- Solve The Two Problems with Primary simplex .

YOUTH ASSOCIATION OF THIRD YEAR

Best Wishes